

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122023\  
 Data File : VX039404.D  
 Acq On : 20 Dec 2023 16:13  
 Operator : JC/MD  
 Sample : 05835-13DL 5X  
 Misc : 2.05g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 21 00:26:38 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML120523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 20 00:14:00 2023  
 Response via : Initial Calibration

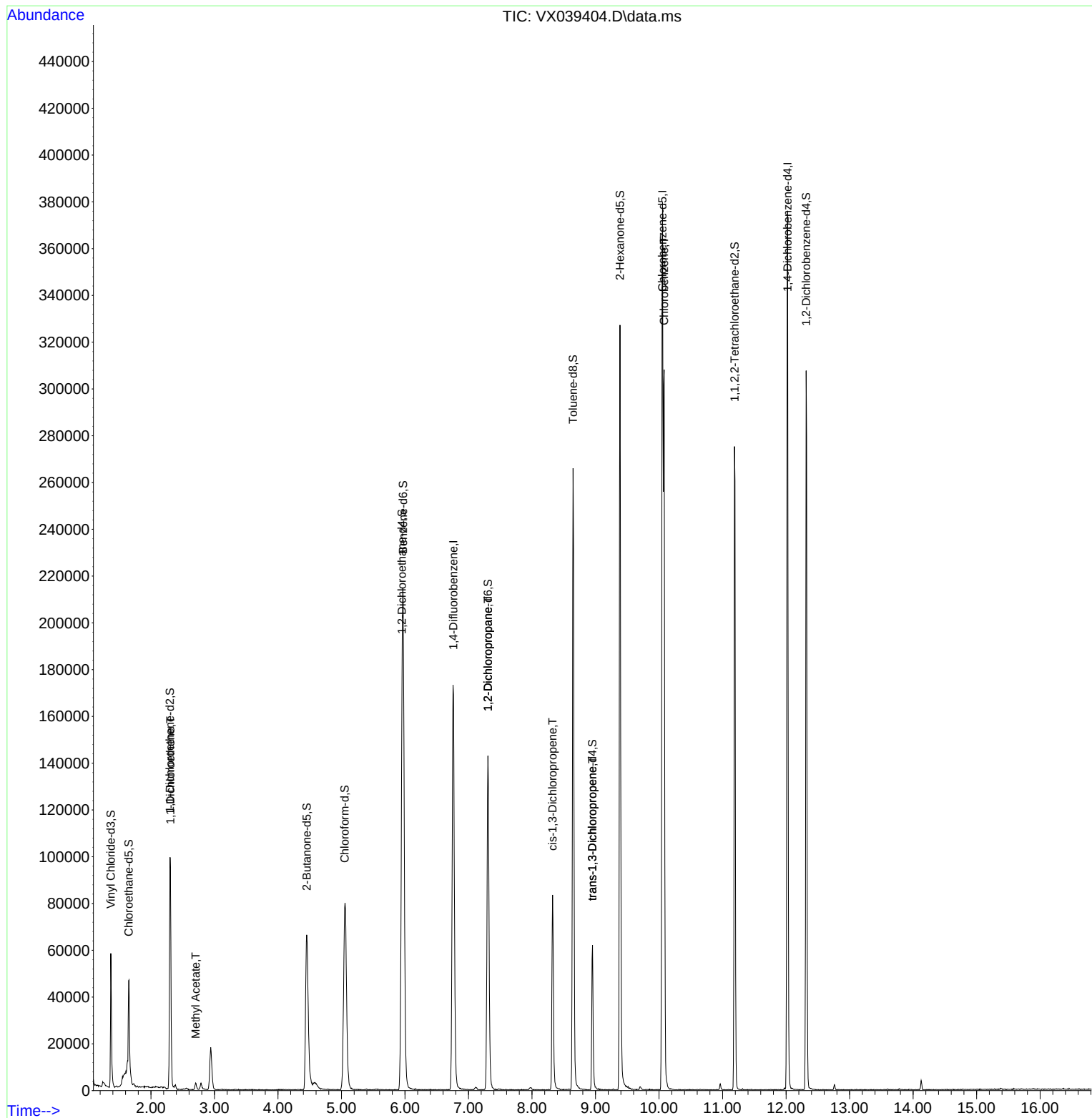
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763          | 114  | 169630     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 155348     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 72336      | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.367          | 65   | 38428      | 28.883   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 57.760%# |        |          |
| 7) Chloroethane-d5            | 1.648          | 69   | 35006      | 35.596   | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 71.200%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.300          | 65   | 18687      | 31.996   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 64.000%  |        |          |
| 21) 2-Butanone-d5             | 4.452          | 46   | 123365     | 102.433  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 102.430% |        |          |
| 24) Chloroform-d              | 5.050          | 84   | 102008     | 43.311   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 86.620%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.952          | 65   | 82322      | 53.970   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 107.940% |        |          |
| 32) Benzene-d6                | 5.970          | 84   | 197496     | 41.193   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 82.380%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.305          | 67   | 71655      | 46.441   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 92.880%  |        |          |
| 41) Toluene-d8                | 8.647          | 98   | 155465     | 35.782   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 71.560%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.951          | 79   | 28041      | 35.713   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 71.420%  |        |          |
| 47) 2-Hexanone-d5             | 9.384          | 63   | 91079      | 98.834   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 98.830%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 106268     | 48.551   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 97.100%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317         | 152  | 55809      | 40.817   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 81.640%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.306          | 96   | 481        | 0.440    | ug/L # | 1        |
| 15) Methyl Acetate            | 2.703          | 43   | 3410       | 2.062    | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 7.305          | 63   | 8196       | 5.986    | ug/L # | 89       |
| 39) cis-1,3-Dichloropropene   | 8.324          | 75   | 2127       | 0.974    | ug/L # | 76       |
| 44) trans-1,3-Dichloropropene | 8.951          | 75   | 1547       | 0.763    | ug/L   | 92       |
| 51) Chlorobenzene             | 10.079         | 112  | 122596     | 37.912   | ug/L   | 98       |
| -----                         |                |      |            |          |        |          |

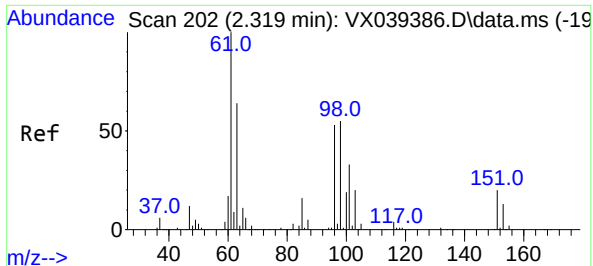
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

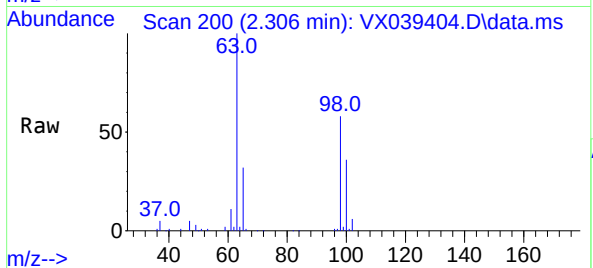
Quant Time: Dec 21 00:26:38 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM120523WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Dec 20 00:14:00 2023  
Response via : Initial Calibration



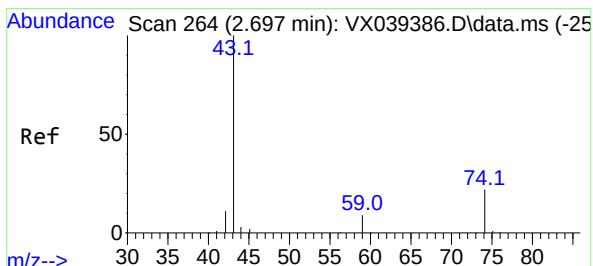
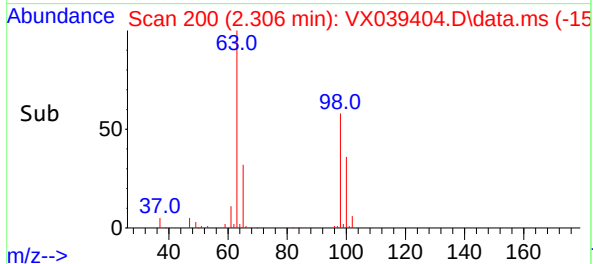
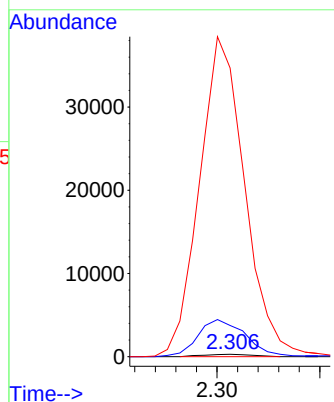


#12  
1,1-Dichloroethene  
Concen: 0.440 ug/L  
RT: 2.306 min Scan# 20  
Delta R.T. -0.012 min  
Lab File: VX039404.D  
Acq: 20 Dec 2023 16:13

Instrument :  
MSVOA\_X  
ClientSampleId :

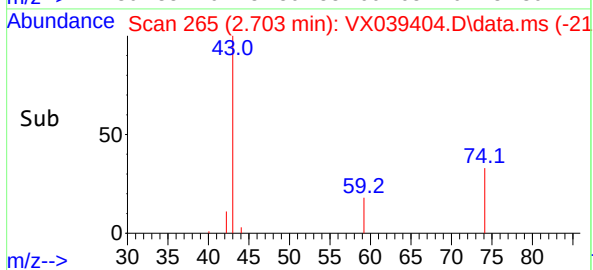
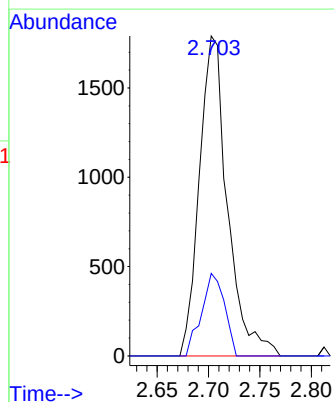
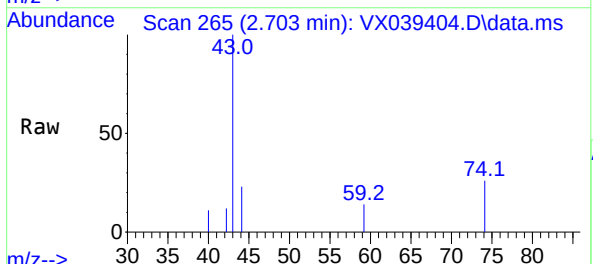


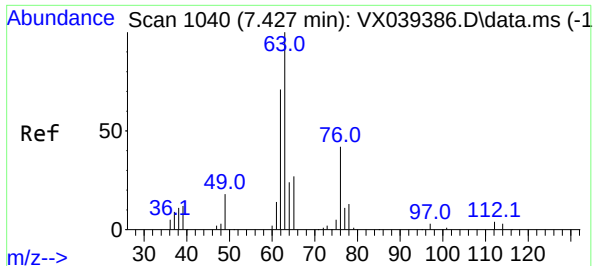
Tgt Ion: 96 Resp: 481  
Ion Ratio Lower Upper  
96 100  
61 1269.3 128.0 237.6#  
63 11721.6 101.5 188.5#



#15  
Methyl Acetate  
Concen: 2.062 ug/L  
RT: 2.703 min Scan# 265  
Delta R.T. 0.006 min  
Lab File: VX039404.D  
Acq: 20 Dec 2023 16:13

Tgt Ion: 43 Resp: 3410  
Ion Ratio Lower Upper  
43 100  
74 21.1 18.2 27.4

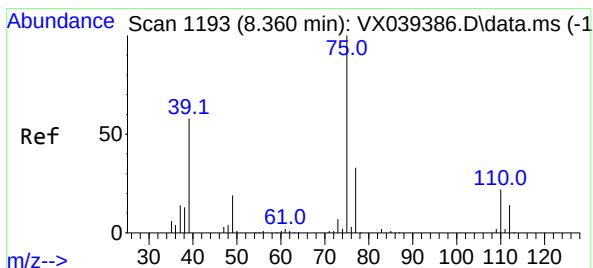
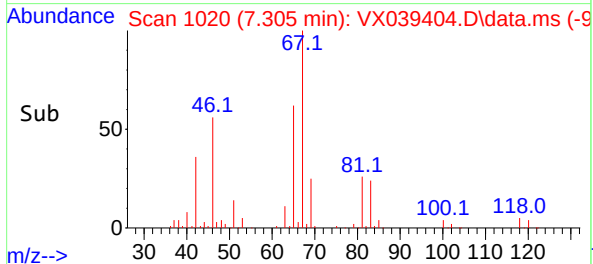
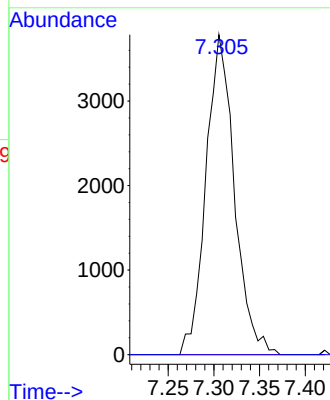
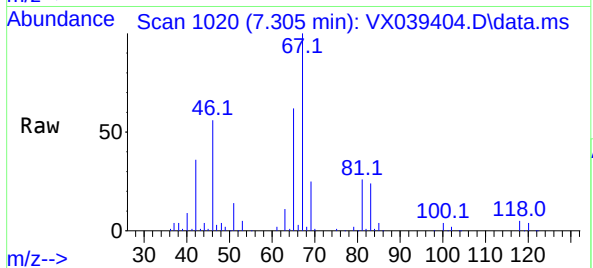




#37  
1,2-Dichloropropane  
Concen: 5.986 ug/L  
RT: 7.305 min Scan# 1187  
Delta R.T. -0.122 min  
Lab File: VX039404.D  
Acq: 20 Dec 2023 16:13

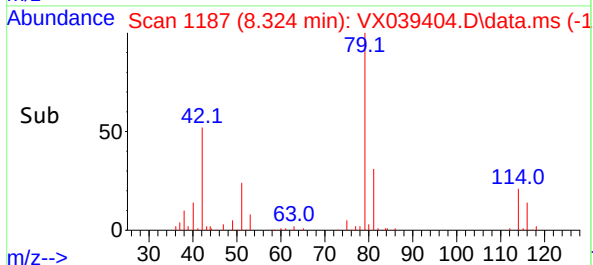
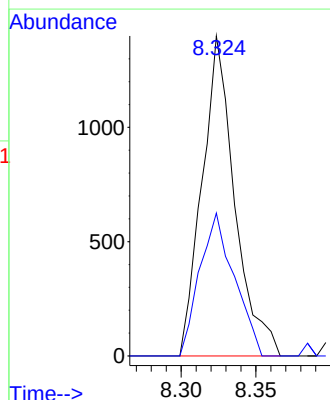
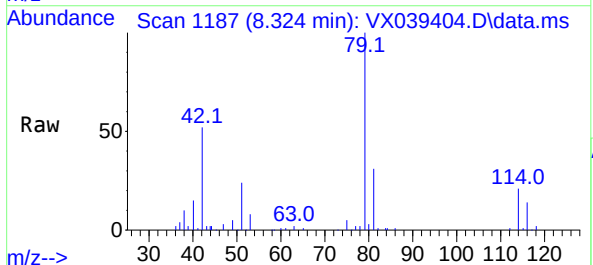
Instrument :  
MSVOA\_X  
ClientSampleId :

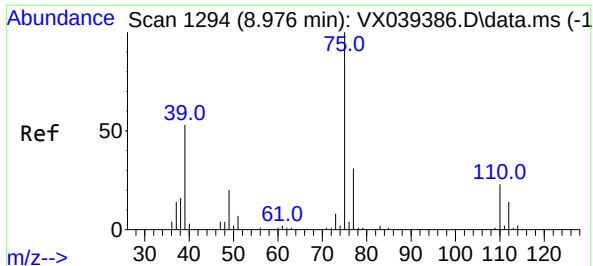
Tgt Ion: 63 Resp: 8196  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.8 4.2#



#39  
cis-1,3-Dichloropropene  
Concen: 0.974 ug/L  
RT: 8.324 min Scan# 1187  
Delta R.T. -0.043 min  
Lab File: VX039404.D  
Acq: 20 Dec 2023 16:13

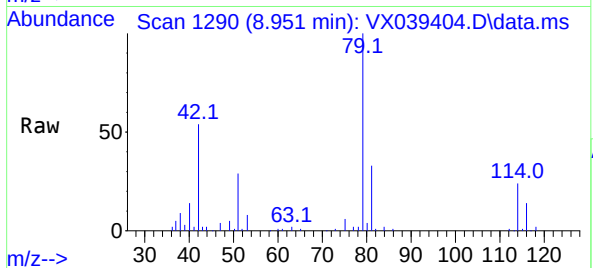
Tgt Ion: 75 Resp: 2127  
Ion Ratio Lower Upper  
75 100  
77 44.6 22.0 40.8#



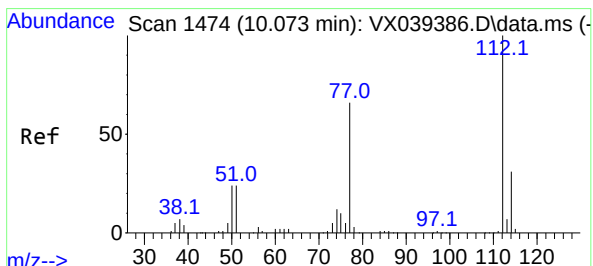
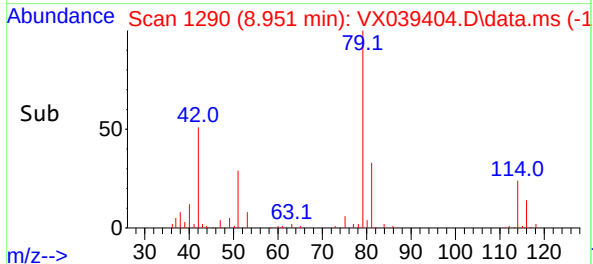
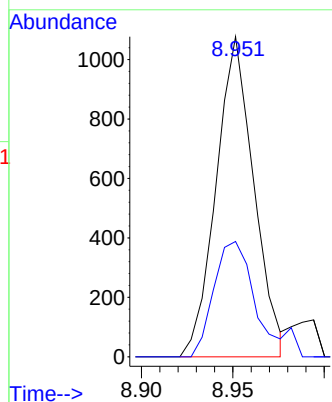


#44  
trans-1,3-Dichloropropene  
Concen: 0.763 ug/L  
RT: 8.951 min Scan# 11  
Delta R.T. -0.024 min  
Lab File: VX039404.D  
Acq: 20 Dec 2023 16:13

Instrument :  
MSVOA\_X  
ClientSampleId :



Tgt Ion: 75 Resp: 1547  
Ion Ratio Lower Upper  
75 100  
77 36.0 22.0 40.8



#51  
Chlorobenzene  
Concen: 37.912 ug/L  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX039404.D  
Acq: 20 Dec 2023 16:13

Tgt Ion: 112 Resp: 122596  
Ion Ratio Lower Upper  
112 100  
114 32.5 21.8 40.4  
77 63.0 49.0 73.6

